LABDEX

Vacuum Atmosphere Tube Furnace LX146VA

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Description

Vacuum Atmosphere Tube Furnace LX146VA is a microprocessor controlled chamber with stable PID temperature control system with a vacuum atmosphere. Equipped with a heating speed of 60 minutes to reach 1600℃, the temperature uniformity with excellent protection of heating elements (MoSi2 rod) is maintained. One press start button for pre-set programmes with alerting signal for overheating of chamber.

Specifications

Tube size	⌀ 60 x 1000
Maximum temperature	1700 °C
Thermocouple	B style
Heating element	MoSi2 rod
Working temperature	1650 °C
Heating speed	60 minutes to reach 1600℃
Heating length	300 mm
Alundum tube size	Φ10 mm ~ 150 mm
Chamber material	Alumina Ceramic Fiber
Temperature precision	± 1 °C
Voltage	220 V
Power	6 kW

Features

- High temperature MoSi2 rod for heating elements
- Heating speed – 60 minutes to reach 1600 ℃
- PID controlled temperature controller with a precision of 1 °C
- One button press start for pre-programmed functions
- Double walled housing for high stability
- 1700 °C MoSi2 heating rod
- Alert signal for overheating of chamber
- Type B thermocouple
- Heat curve can be preset with the programmable function
- 2 programmable groups with 16 segments in each group

Applications

- Used for fusing glass, soldering, brazing, creating enamel coatings, ceramics , research centers, medical laboratories to determine the non-volatile and non-combustible proportion of the sample and for highly sophisticated metallurgical applications

Standard Accessories

Accessory No	Accessory
1	Crucible tong
2	High temperature gloves

Optional Accessories

Accessory No	Accessory
1	Paperless recorder
2	Alumina crucible

3	Stainless steel exhaust chamber

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